INFX 503 – Website Design Concepts for information Professionals

iSchool Course Description
INFX 503 – Website Design Concepts for information Professionals (1 Cr): Introduces the context and construction of websites presenting an integrated understanding of Web design principles, information behavior, and technical skills. Emphasizes the role of markup in information display and organization, the development of large sites, web strategy, and site construction. Credit / no credit only. Prerequisite: none.

Degree Program:
Masters of Library and Information Science
Masters of Science in Information Management

Preparatory Info Tech Electives
This is one of a series of introductory level technology courses offered by the iSchool:

- Recommended for those students who need to prepare for the core info tech courses (54x/56x)
- Each course is offered as one credit electives.
- They are all taught in the online mode and do not have required on-campus residencies.

Class description
Web sites are an essential communication tool for individuals and organizations. The joy of the Web is publishing your information "instantly" to everyone in the world. The course will work directly with the HTML and CSS code using a simple text editor like Notepad++.

Course Format
Learning about algorithms helps us improve our critical thinking and also helps us understand what software developers and their habits of mind. This course is a survey of the basic concepts that are common to all programming languages.

Our vehicle for learning will be Notepad++ or any text editor, available free for download.

Course Objectives
Upon completion of the course, the student will be able to:

- Create and modify dynamic multipage, multi-layout Web sites
- Understand basic HTML5 and CSS3 programming concepts
- Build HTML5 pages
- Understand the major benefits of HTML5
- Use the new elements and attributes of HTML5
- Work with audio and video in HTML5
- Use all of the new HTML5 form elements
- Understand and explain what a Web program is doing step by step
Course Syllabus (from Canvas)
Each week will cover one module. The module week runs from Monday through Sunday with all "Module" assignments to be sent to your iPeer (reviewing partner) by Tuesday night of the week following. These assignments should be reviewed and returned three days later by Friday night.

Readings, videos, lectures and any discussion topics assigned will be posted on the Monday that the module starts on the Web page. Some assignments will have solutions sets; they are on the syllabus page. Module (week) number and Title are:

1. The Internet, Web, and Web Publishing Basics
2. HTML Basics
3. Web Design Basics
4. Cascading Style Sheets and Web Graphics Styling Basics
5. More CSS Basics
6. Page Layout Basics
7. More on Links, Layout, and Mobile
8. Table and Form Basics
9. Media and Interactivity Basics
10. Wrap-up

Assessment
Each week will have one or more assignments to be completed. There is a comprehensive final project developed throughout the course.

Course Textbook
Basics of Web Design: HTML5 & CSS3, 3rd edition
by Terry Felke-Morris, Harper College
ISBN-10: 0133970744
Publisher: Addison-Wesley
Published: 01/13/2015